

The National Institutes of Health Pediatric Concussion Workshop

Bethesda North Marriott Hotel & Conference Center October 13-14, 2016

Day 1: October 13, 2016		
7:30 am	Registration	
8:00 am	Welcome	
	Walter Koroshetz, MD, NIH/NINDS	
8:15 am	Patient Perspective	
	Victoria (Tori) Bellucci, Student and former All-Met High School Soccer Player	
8:25 am	Summary of IOM Report	
	Fred Rivara, MD, Seattle Children's Research Institute	
8:55 am	Session I: What Is a Concussion?	
	Moderator: Ramona Hicks, PhD, One Mind for Research	
	20 min presentations and 40 min Panel Q&A Session	
	Terminology – Semantics of Concussion	
	Jonathan Mink, MD, PhD, University of Rochester	
	Incidence & Prevalence – Surveillance System	
	Dawn Comstock, PhD, Colorado School of Public Health	
	Biomechanics – biosensors, strain, measurement of dosing	
	Susan Margulies, PhD, University of Pennsylvania	
10:00 am	Break (15 minutes)	
	 Symptoms, Pathology and Heterogeneity Sub-Acute Symptoms, Post-Concussion 	
	Syndrome	
	Harvey Levin, PhD, Baylor College of Medicine	
	Biology of Concussion: Diffuse Axonal Injury, Energy Crisis, and Autonomic Function	
	Douglas Smith, MD, University of Pennsylvania	
11:00 am	Panel Discussion	
11:45 am	Lunch (1 hour)	
12:45 pm	Session II: Developmental Considerations for Studying Concussion in Youth	
	Moderator: Ruth Brenner, MD, MPH, NIH/NICHD	
	15 min presentations and 15 min Panel Q&A Session	
	Neurodevelopment & Connectivity	
	Jay Giedd, MD, University of California, San Diego	
	Cognitive Development	
	Robert Asarnow, PhD, University of California, Los Angeles	
	Psychosocial & Mood Development	
	Grant Iverson, PhD, Harvard Medical School	
	Methods for Assessing Changes in Developmental Trajectory	

Linda Ewing-Cobbs, PhD, University of Texas Health Science Center, Houston

2:05 pm	Break (15 min)
2:20 pm	 Session III: Diagnostic Markers of Concussion in Children Moderator: Mary Ellen Michel, PhD, NIH/NICHD/NCMRR 15 min presentations and 15 min Panel Q&A Session Symptom Presentation by Age – How Do Kids Describe Concussion?
3:25 pm	Panel Discussion
3:40 pm	Break (15 min)
3:55 pm	 Session IV: Prognostic Markers of Concussion in Children Moderator: Patrick Bellgowan, PhD, NIH/NINDS 15 min presentations and 15 min Panel Q&A Session
5:00 pm	Panel Discussion
5:30 pm	Adjourn
Day 2: Oct 8:00 am 8:30 am	Sober 14, 2016 Summary of Day 1 Jonathan Mink, MD, PhD, University of Rochester Patient Advocacy Perspective
	Robert Gfeller, Executive Director, Childress Institute for Pediatric Trauma
9:00 am	 Session V: Acute Management of Concussion Moderator: Valerie Maholmes, PhD, NIH/NICHD/PTCIB 15 min presentations and 15 min Panel Q&A Session Point of Injury Identification

Bill Meehan, MD, The Micheli Center for Sports Injury Prevention

What Is "Rest"?

10:10 am	Panel Discussion
10:25 am	Break (15 min)
10:40 am	 Session VI: Management of Persistent Concussion Symptoms Moderator: Alison Cernich, PhD, NIH/NICHD/NCMRR 15 min presentations and 15 min Panel Q&A Session Differential Diagnosis of Post-concussion Symptoms
12:00 pm	Panel Discussion
12:15 pm	Lunch (1 hour)
1:15 pm	 Session VII: Leveraging Existing Resources Moderator: Patrick Bellgowan, PhD, NIH/NINDS 10 min presentations and 5 min Q&A Session DoD/NCAA CARE Consortium
2:20 pm	Transition to Breakout Groups
2:30 pm	Session VIII: Prioritization of Research Needs: Breakout Sessions Closed Session
4:00 pm	Transition Back to Main Conference Room (White Flint Amphitheater)
4:15 pm	Session IX: Prioritization of Research Needs: Breakout Sessions Report Back
5:00 pm	Summary & Closing Jonathan Mink, MD, PhD, University of Rochester Medical Center Walter Koroshetz, MD, NIH/NINDS
5:30 pm	Adjourn